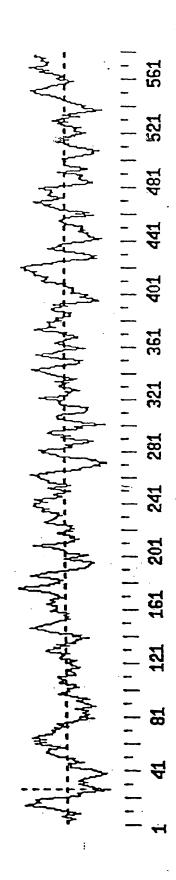
Applicant: Rory A. J. Curtis, et al.
Title: 53010, A NOVEL HUMAN CARBOXYLESTERASE FAMILY
MEMBER AND USES THEREOF
Attorney/Agent: Mario Cloutier
Docket No.: MP100-524P1RDV1M

Sheet 1 of 3 Sheets





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Sheet 2 of 3 Sheets

Oesterase: doma (SEQ ID NO:4)	ain 1 o	Oesterase: domain 1 of 1, from 44 to 545: score 552.8, L = 4.3e-104 (SEQ ID NO:4) *->GkvrGvnektdngeqsvysFlGIPYAePPVGnLRFKaPqPYKepWsd (SEQ ID NO:4) *->GkvrGvnektdngeqsvysFlGIPYAePPVGnLRFKaPqPYKepWsd	
Fbh53010FL	<b>ゼ</b>	GWIQGKQVTVLGSPVPVNVFLGVPFAAPPLGSLRFTNPQP-ASPWDN	თ.
Fbh53010FL	σ Ο	<pre>vldatkyppsClQdddfgfslsdLKvalkmlslgwnklvglklsEDCLYL + At+yp+ ClQ++++ + + + + + 9 SEDCLYL LREATSYPNLCLQNSEWLLLDQHMLKVHYPKFGVSEDCLYL</pre>	130
Fbh53010FL	ת מ ת	NVytPkntkpnsklPVmVwIhGGGFmfG\bghslplslYdgeslaregnVI N+Y P+ + +sklPV+Vw +GG+F +Gs+ s dg++la+ ++V NIYAPAHADTGSKLFVLVWFPGGAFKTGSASIFDGSALAAYEDVL	175
Fbh53010FL	176	<pre>vVsiNYRLGplGFLstgddklpgsGNyGLlDQrlALkWVqdNI&amp;aFGGDP vV ++YRLG++GF++t d ++p GN++++DQ++AL WVq+NI FGGDP vVvvQYRLGIFGFFTTWDQHAPGNWAFKDQVAALSWVQKNIEFFGGDP</pre>	2 2 9
Fbh53.010FL	22 44	nsVTifGeSAGaaSVsllllsngGDNppsskgLFhRAIsqSGsalspwai +sVTifGeSAGa SVs l+ls p++kgLFh+AI++SG a+ p SSVTIFGESAGAISVSSLILSPMAKGLFHKAIMESGVAIIPYLE	267
Fbh53010FL	268 8	<pre>qsesnargrakelarllGCnetssselldCLRsksaeeLleatrsfllfe ++ + + + +</pre>	8 1 5

Sheet 3 of 3 Sheets

Fbh53010FL	9. 9.	<pre>yvpflplflaFgPvvDGdDapeafipedPeelikeGkfadvPyliGvtkd f+</pre>
FDh53010FL		EGgyfaam.llnasskgedelkketnpdvwlellkyllfyasealnikdM E+g++++m+++++++ + + + + + + + + + + + + +
Fbh53010FL	387	<pre>ddladkvlekYpgdvddfsvesrkpnlqdmltDllFkcptrvaadlhakh ++ v ++Y+ d + s + +++ l+d+l+D++F++p ++ ++ +++YLHLVANEYFHD-KH-SLTEIRDSLLDLLGDVFFVVP-ALITARYHRD 431</pre>
Fbh53010FL	4 8 2	ggspvYaYvfdhpasfgigQflakrvdpefggavHgdEiffvFgnpllke +g+pvY+Y+f+h+++ AGAPVYFYEFRHRPQC>FBDTKPAFVKADHADEVRFVFGGAFLKG 475
Fbh53010FL	974	glykateeeeksssktmmnywanFAktGnPnngtsnglvvWpkytsee + ++++eeek++s++mm+ywa+FA+tGnP ng l Wp+y+ +e DIVMFegATEEEKLLSRKMMKYWATFARTGNP-NGNDLSLWPAYNLTE 522
Fbh53010FL	523	gkysllillttitagklkardprkvlanfw<-* g +1+ l + g+lk+ + ++fw QylgldlmSlGQRLKEPRVDFW 545